

Comparisons of Job Characteristics

Focus Occupation: **Segmental Pavers (47-4091)**

Associated Occupation: **Highway Maintenance Workers (47-4051)**

[Compare Knowledge](#)

[Compare Skills](#)

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| | |
|----|--|
| << | Focus occupation element is much lower |
| < | Focus occupation element is lower |
| 0 | Focus occupation element is at a similar level |
| > | Focus occupation element is at a higher level |
| >> | Focus occupation element is at a much higher level |

Knowledge

Similarity of Focus Occupation to Associated Occupation: 67

Focus Occupation: Segmental Pavers (47-4091)

Associated Occupation: Highway Maintenance Workers (47-4051)

| Associated Occupation's Key Knowledge Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | | Evaluation of Focus Occupation |
|--|---------------------------------|--------------------------------|---------------------------|----|---|
| Public Safety and Security | 6.9 | 14.2 | 6.7 | << | Extensive education and/or training may be required |
| Building and Construction | 4.0 | 12.2 | 9.3 | << | Extensive education and/or training may be required |
| Transportation | 4.6 | 10.6 | 8.7 | < | Expanded education and/or training may be required |
| Law and Government | 5.9 | 10.2 | 3.4 | << | Extensive education and/or training may be required |
| Telecommunications | 3.9 | 6.9 | 2.6 | << | Extensive education and/or training may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 71

Focus Occupation: Segmental Pavers (47-4091)

Associated Occupation: Highway Maintenance Workers (47-4051)

| Associated Occupation's Key Skills Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | | Evaluation of Focus Occupation |
|---|---------------------------------|--------------------------------|---------------------------|----|--|
| Operation and Control | 5.4 | 11.4 | 8.5 | << | Extensive development of skills in this area may be required |
| Operation Monitoring | 6.6 | 11.4 | 7.7 | << | Extensive development of skills in this area may be required |
| Troubleshooting | 4.5 | 8.5 | 6.0 | << | Extensive development of skills in this area may be required |
| Quality Control Analysis | 5.9 | 8.4 | 6.4 | < | A higher skill level may be required |
| Equipment Maintenance | 3.5 | 8.3 | 5.1 | << | Extensive development of skills in this area may be required |

| | | | | | |
|-----------|-----|-----|-----|----|--|
| Repairing | 3.4 | 7.9 | 5.0 | << | Extensive development of skills in this area may be required |
|-----------|-----|-----|-----|----|--|

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

| Abilities | | Similarity of Focus Occupation to Associated Occupation: 86 | | | |
|--|---------------------------------|---|---------------------------|--------------------------------|--|
| Focus Occupation: Segmental Pavers (47-4091) Associated Occupation: Highway Maintenance Workers (47-4051) | | | | | |
| Associated Occupation's Key Abilities Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
| Control Precision | 6.6 | 13.3 | 10.6 | < | Some improvement in abilities may be required |
| Multilimb Coordination | 6.0 | 12.9 | 10.7 | < | Some improvement in abilities may be required |
| Reaction Time | 4.8 | 10.8 | 8.4 | < | Some improvement in abilities may be required |
| Auditory Attention | 5.9 | 10.5 | 7.5 | << | Extensive improvement in abilities may be required |
| Rate Control | 3.8 | 9.8 | 6.5 | << | Extensive improvement in abilities may be required |
| Response Orientation | 4.0 | 9.8 | 7.6 | < | Some improvement in abilities may be required |
| Speed of Limb Movement | 3.2 | 8.7 | 6.0 | << | Extensive improvement in abilities may be required |
| Spatial Orientation | 2.7 | 6.9 | 6.1 | < | Some improvement in abilities may be required |
| Peripheral Vision | 2.2 | 5.5 | 4.2 | < | Some improvement in abilities may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

| Activities that Both Occupations Have in Common | | Similarity of Focus Occupation to Associated Occupation: 81 |
|--|-------------------------|---|
| Focus Occupation: Segmental Pavers (47-4091) Associated Occupation: Highway Maintenance Workers (47-4051) | | |
| Work Activities | Exclusivity of Activity | |
| Adhere to safety procedures | 12 | |
| Apply adhesives, caulking, sealants, or coatings | 45 | |
| Fabricate, assemble, or disassemble manufactured products by hand | 11 | |
| Move or fit heavy objects | 8 | |
| Operate power construction equipment | 84 | |
| Read tape measure | 41 | |
| Understand construction specifications | 53 | |
| Use concrete fabrication techniques | 74 | |

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Segmental Pavers (47-4091)

Associated Occupation: Highway Maintenance Workers (47-4051)

Tools and Technologies

Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.